

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-69. (Canceled)

1 70. (New) A method for enabling re-use of presentation objects by a printing
2 system, comprising:
3 receiving from a print application a print data stream at a print server of a printer;
4 analyzing at the print server the print data stream to identify by a globally-unique
5 identifier a presentation object not present in the print data stream, the globally-unique
6 identifier assigned to the presentation object and identifying the presentation object in the
7 print data stream for printing by the printer,
8 retrieving at the print server the presentation object identified by the globally-unique
9 identifier assigned to the presentation object;
10 generating a device-dependent data stream containing the retrieved presentation
11 object, wherein the device-dependent data stream is configured for capabilities of a specific
12 print engine; and
13 capturing the identified presentation object in permanent printer capture storage at the
14 printer using the assigned globally-unique identifier.

1 71. (New) The method of claim 70, wherein the globally-unique identifier
2 assigned to the object allows the object to be securely and correctly referenced for re-use.

1 72. (New) The method of claim 70, wherein the globally-unique identifier
2 assigned to the object is platform-independent.

1 73. (New) The method of claim 70, wherein the globally-unique identifier is
2 based upon an International Standards Organization administered global naming tree.

1 74. (New) The method of claim 70, wherein the globally-unique identifier is
2 contained in a syntax structure of a data stream.

1 75. (New) The method of claim 74, wherein the data stream is a Mixed Object
2 Document Content Architecture data stream.

1 76. (New) The method of claim 70, wherein the globally-unique identifier is
2 assigned by:
3 requesting, in an International Standards Organization administered global naming
4 tree, a first node for an application that uses the object;
5 registering, under the first node, a second node for each license of the application; and
6 assigning a globally-unique identifier for the object, the globally-unique identifier
7 including an indication of the object, the first node and the second node.

1 77. (New) The method of claim 70, wherein the globally-unique identifier is
2 assigned by generating a globally-unique identifier for an object, the generated globally-
3 unique identifier includes an indication of a first node representing an application that uses
4 the object, of a second node for each license of the application and of the object.

1 78. (New) The method of claim 77, wherein the indication of the object includes
2 a time stamp.

1 79. (New) The method of claim 78, wherein the time stamp includes an indication
2 of the date and time.

1 80. (New) The method of claim 77, wherein the indication of the object includes
2 a checksum value.

1 81. (New) The method of claim 77, wherein the indication of the object includes
2 a binary counter.

1 82. (New) A printer configured for managing presentation objects for multiple
2 use, comprising:

3 a print server for receiving from a print application a print data stream, the print
4 server analyzing the print data stream to identify by a globally-unique identifier a
5 presentation object not present in the print data stream, the globally-unique identifier
6 assigned to the presentation object and identifying the presentation object in the print data
7 stream for printing, the print server further retrieving the presentation object identified by the
8 globally-unique identifier assigned to the presentation object and generating a device-
9 dependent data stream containing the retrieved presentation object, wherein the device-
10 dependent data stream is configured for capabilities of a specific print engine; and
11 permanent printer capture storage, coupled to the print server, for capturing the
12 identified presentation object in the device-dependent data stream using the assigned
13 globally-unique identifier.

1 83. (New) The system of claim 82 further comprising a print server, the print
2 server deleting previously captured objects in the printer capture storage.

1 84. (New) The system of claim 82 further comprising a print server, the print
2 server deleting previously downloaded or active objects.

1 85. (New) The system of claim 84 further comprising a printer control unit for
2 marking objects in the permanent printer capture storage as removable.

1 86. (New) The system of claim 85, wherein a removable object is deleted when a
2 capture request is received to make storage available to capture a new resource.

1 87. (New) A system for processing referenced objects, comprising:
2 a print server for receiving from a print application a print data stream, the print
3 server analyzing the print data stream to identify by a globally-unique identifier a
4 presentation object not present in the print data stream, the globally-unique identifier
5 assigned to the presentation object and identifying the presentation object in the print data
6 stream for printing, the print server further retrieving the presentation object identified by the
7 globally-unique identifier assigned to the presentation object and generating a device-
8 dependent data stream containing the retrieved presentation object, wherein the device-
9 dependent data stream is configured for capabilities of a specific print engine; and
10 a control unit for receiving the device-dependent data stream from the print server
11 and providing sheet maps to a print engine for printing; and
12 permanent printer capture storage, coupled to the control unit, for capturing the
13 identified presentation object in the device-dependent data stream using the assigned
14 globally-unique identifier.

1 88. (New) The system of claim 87, wherein the data stream references the object
2 by an object name and the print server searches for the object by object name.

1 89. (New) The system of claim 88, wherein the print server attempts to find the
2 object resident in a presentation device when the object is referenced with a globally-unique
3 identifier.

1 90. (New) The system of claim 87, wherein the control unit references the object
2 by the globally-unique identifier.

1 91. (New) The system of claim 90, wherein the print server attempts to find the
2 object resident in the presentation device using a globally-unique identifier.

1 92. (New) The system of claim 91, wherein the print server searches for the
2 resource inline when the search for a resident globally-unique identifier fails.

1 93. (New) The system of claim 87, wherein the data stream references the object
2 by the globally-unique identifier and an object locator.

1 94. (New) The system of claim 93, wherein the print server attempts to find the
2 object by searching for a resident globally-unique identifier.

1 95. (New) The system of claim 94, wherein the print server searches for the
2 resource inline when the search for a resident globally-unique identifier fails.

1 96. (New) The system of claim 94, wherein the print server looks for the object
2 by object locator in a resource library when the inline search is unsuccessful.

1 97. (New) The system of claim 96, wherein the print server determines whether
2 the globally-unique identifier assigned to the object matches the globally-unique identifier
3 referenced.

1 98. (New) The system of claim 96, wherein the print server provides an
2 indication of an error if the globally-unique identifier assigned to the object does not match
3 the globally-unique identifier referenced.

1 99. (New) The system of claim 96, wherein the print server provides an
2 indication of an error if the object does not contain a globally-unique identifier.

1 100. (New) An program storage device readable by a computer and tangibly
2 embodying one or more programs of instructions executable by the computer to perform
3 operations for managing presentation objects for multiple use, the operations comprising:
4 receiving from a print application a print data stream at a print server of a printer;
5 analyzing at the print server the print data stream to identify by a globally-unique
6 identifier a presentation object not present in the print data stream, the globally-unique
7 identifier assigned to the presentation object and identifying the presentation object in the
8 print data stream for printing by the printer,
9 retrieving at the print server the presentation object identified by the globally-unique
10 identifier assigned to the presentation object;
11 generating a device-dependent data stream containing the retrieved presentation
12 object, wherein the device-dependent data stream is configured for capabilities of a specific
13 print engine; and
14 capturing the identified presentation object in permanent printer capture storage at the
15 printer using the assigned globally-unique identifier.